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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. | APPLICATION NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | 000322 | 09/593,289 |
| DATE MAILED: 04/15/2002 | | APPLICANT BENDER et al. | RECEIVED MAY 02 2002 Technology Center 2500 |
| | | FILING DATE 06/13/2000 | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|-----------|-----------------|------------|-------|-------|--------------|---------------------------------------|
| SB | A1 | 5,978,685 | 11/20/1999 | Laiho | | | |
| | A2 | | | | | | |
| | A3 | | | | | | |
| | A4 | | | | | | |
| | A5 | | | | | | |
| | A6 | | | | | | |
| | A7 | | | | | | |
| | A8 | | | | | | |
| | A9 | | | | | | |
| | A10 | | | | | | |

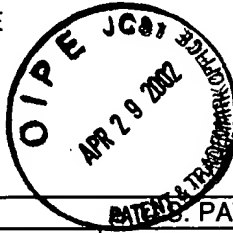
FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------------|---------|-------------------------------------|-------|--------------|
| SB | B1 | 00/05907 | 02/03/2000 | WO | NORTEL NETWORKS CORPORATION (CA) | | |
| N | B2 | 0851703A2 | 07/01/1998 | EP | AT&T WIRELESS (US) | | |
| N | B3 | 0514360A2 | 11/19/1992 | EP | ERICSSON (SE) | | |
| | B4 | | | | | | |
| | B5 | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

| | | |
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| | C1 | |
| | | |
| | C2 | |
| | | |
| | C3 | |
| | | |
| EXAMINER | SB | DATE CONSIDERED 11/12/03 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

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| | | APPLICANT | |
| | | BENDER et al. | |
| DATE MAILED: 04/15/2002 | | FILING DATE | GROUP |
| | | 06/13/2000 | 2662 |



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MAY 02 2002
Technology Center 2600

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|-----------|-----------------|------------|------------------|-------|--------------|---------------------------------------|
| | A1 | 4,901,307 | 02/13/1990 | Gilhousen et al. | | | |
| | A2 | 5,103,459 | 04/07/1992 | Gilhousen et al. | | | |
| | A3 | | | | | | |
| | A4 | | | | | | |
| | A5 | | | | | | |
| | A6 | | | | | | |
| | A7 | | | | | | |
| | A8 | | | | | | |
| | A9 | | | | | | |
| | A10 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------|---------|------|-------|--------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |
| | B5 | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

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|--|----|--|--|
| | C1 | | |
| | | | |
| | C2 | | |
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| | C3 | | |
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| EXAMINER | DATE CONSIDERED |
| | 11/17/02 |

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